UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6 Laboratory

Environmental Services Branch
10625 Fallstone Road, Houston, TX 77099
Phone: (281)983-2100 Fax: (281)983-2248

Final Analytical Report

Site Name ----------Oil Trust Fund

Sample Collection Date(s)-- 09/10/10 - 09/12/10

Contact---------- Rich Mayer (6PD-F)

Report Date---------- 09/21/10

Project #---------- 10REG270

Work Order(s)----------1009028

Analyses included in this report:

LC DOSS

Report Narrative

Sample results for the original extraction set for work order 1009028 (01-20) are reported, except for sample 1009028-09.

Due to surrogate recovery outside of quality control limit, sample 1009028-09 was re-extracted and re-analysis was within acceptable QC limit; the results are reported as 1009028-09RE1.

DOSS was not found at or above the reporting limit for work order 1009028.

NOTE---DOSS was not found at or above the 10ug/ L (ppB) level of interest.

Standard procedures for quality assurance and quality control were followed in the analysis and reporting of the sample results. The results apply only to the samples tested. This final report should only be reproduced in full.

Reporting limits are adjusted for sample size and matrix interference.

Report Approvals:

Richard McMillin
Region 6 Laboratory Manager

David Neleigh
Region 6 Laboratory Branch Chief

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region 6 Environmental Services Branch Laboratory

10625 Fallstone Road
Houston, Texas 77099

Sample Receipt and Disposal

Site Name: Oil Trust Fund Project Number: 10REG270

Data Management Coordinator: Christy Warren

_____ / /

Data Management Coordinator Signature Date

Date Transmitted: _____/_____/_____

Please have the U.S. EPA Project Manager/Officer call the Data Management Coordinator at 3-2137 for any comments or questions.

Please sign and date this form below and return it with any comments to:

Christy Warren
Data Management Coordinator
Region 6 Laboratory
6MD-HS

_____/_____/_____

Received by and Date

Comments:

The laboratory routinely disposes of samples 90 days after all analyses have been completed. If you have a need to hold these samples in custody longer than 90 days, please sign below.

_____ _____

Signature Date

Please provide a reason for holding:

Environmental Protection Agency

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ANALYTICAL REPORT FOR SAMPLES

Station ID	Laboratory ID	Sample Type	Date Collected	Date Received
T001-1340-100910-SW-07-1	1009028-01	Liquid	9/10/10 11:30	09/13/10 09:30
T001-1345-100911-SW-07-1	1009028-02	Liquid	9/11/10 10:45	09/13/10 09:30
T001-R655-100912-SW-04-1	1009028-03	Liquid	9/12/10 10:50	09/13/10 09:30
T001-R663-100912-SW-05-1	1009028-04	Liquid	9/12/10 9:30	09/13/10 09:30
T001-R667-100911-SW-07-1	1009028-05	Liquid	9/11/10 12:00	09/13/10 09:30
T001-R671-100911-SW-06-1	1009028-06	Liquid	9/11/10 9:11	09/13/10 09:30
T001-R679-100910-SW-10-1	1009028-07	Liquid	9/10/10 10:20	09/13/10 09:30
T001-R679-100910-SW-18-1	1009028-08	Liquid	9/10/10 10:00	09/13/10 09:30
T008-1309-100910-SW-02-1	1009028-09	Liquid	9/10/10 12:34	09/13/10 09:30
T008-1311-100911-SW-06-1	1009028-10	Liquid	9/11/10 9:56	09/13/10 09:30
T008-1312-100911-SW-04-1	1009028-11	Liquid	9/11/10 12:06	09/13/10 09:30
T008-1313-100912-SW-05-1	1009028-12	Liquid	9/12/10 12:56	09/13/10 09:30
T008-R615-100911-SW-05-1	1009028-13	Liquid	9/11/10 10:47	09/13/10 09:30
T008-R617-100912-SW-02-1	1009028-14	Liquid	9/12/10 11:45	09/13/10 09:30
T008-R618-100911-SW-05-1	1009028-15	Liquid	9/11/10 9:07	09/13/10 09:30
T008-R620-100912-SW-01-1	1009028-16	Liquid	9/12/10 10:47	09/13/10 09:30
T008-R621-100910-SW-04-1	1009028-17	Liquid	9/10/10 11:13	09/13/10 09:30
T008-R622-100910-SW-05-1	1009028-18	Liquid	9/10/10 9:42	09/13/10 09:30
T008-R622-100910-SW-05-2	1009028-19	Liquid	9/10/10 9:42	09/13/10 09:30
T008-R688-100912-SW-05-1	1009028-20	Liquid	9/12/10 9:27	09/13/10 09:30

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DOSS by LC/MS/MS

Lab ID: 1009028-01 **Station ID: T001-1340-100910-SW-07-1**

Batch: B0I1303 Date Collected: 09/10/10
Sample Type: Liquid Sample Volume: 20 ml Sample Qualifiers: **HTS**

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	191		99.3	50-150	09/13/10	09/20/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	09/13/10	09/20/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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DOSS by LC/MS/MS

Lab ID: 1009028-02 **Station ID: T001-1345-100911-SW-07-1**

Batch: B0I1303 Date Collected: 09/11/10
Sample Type: Liquid Sample Volume: 20 ml Sample Qualifiers: **HTS**

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	188		97.7	50-150	09/13/10	09/20/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	09/13/10	09/20/10

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DOSS by LC/MS/MS

Lab ID: 1009028-03 **Station ID: T001-R655-100912-SW-04-1**

Batch: B0I1303 Date Collected: 09/12/10
Sample Type: Liquid Sample Volume: 20 ml Sample Qualifiers: **HTS**

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	186		96.8	50-150	09/13/10	09/21/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	09/13/10	09/21/10

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DOSS by LC/MS/MS

Lab ID: 1009028-04 **Station ID: T001-R663-100912-SW-05-1**

Batch: B0I1303 Date Collected: 09/12/10
Sample Type: Liquid Sample Volume: 19 ml Sample Qualifiers: **HTS**

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	197		97.0	50-150	09/13/10	09/21/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	09/13/10	09/21/10

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DOSS by LC/MS/MS

Lab ID: 1009028-05 **Station ID: T001-R667-100911-SW-07-1**

Batch: B0I1303 Date Collected: 09/11/10
Sample Type: Liquid Sample Volume: 20 ml Sample Qualifiers: **HTS**

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	184		95.5	50-150	09/13/10	09/21/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.5	1	09/13/10	09/21/10

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DOSS by LC/MS/MS

Lab ID: 1009028-06 **Station ID: T001-R671-100911-SW-06-1**

Batch: B0I1303 Date Collected: 09/11/10
Sample Type: Liquid Sample Volume: 20 ml Sample Qualifiers: **HTS**

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	188		97.5	50-150	09/13/10	09/21/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	09/13/10	09/21/10

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DOSS by LC/MS/MS

Lab ID: 1009028-07 **Station ID: T001-R679-100910-SW-10-1**

Batch: B0I1303 Date Collected: 09/10/10
Sample Type: Liquid Sample Volume: 19 ml Sample Qualifiers: **HTS**

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	193		95.3	50-150	09/13/10	09/21/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	09/13/10	09/21/10

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DOSS by LC/MS/MS

Lab ID: 1009028-08 **Station ID: T001-R679-100910-SW-18-1**

Batch: B0I1303 Date Collected: 09/10/10
Sample Type: Liquid Sample Volume: 20 ml Sample Qualifiers: **HTS**

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	190		98.4	50-150	09/13/10	09/21/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	09/13/10	09/21/10

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DOSS by LC/MS/MS

Lab ID: 1009028-09RE1 **Station ID: T008-1309-100910-SW-02-1**

Batch: B0I1501 Date Collected: 09/10/10
Sample Type: Liquid Sample Volume: 23 ml Sample Qualifiers:

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	169		101	50-150	09/15/10	09/17/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.6	1	09/15/10	09/17/10

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DOSS by LC/MS/MS

Lab ID: 1009028-10 **Station ID: T008-1311-100911-SW-06-1**

Batch: B0I1303 Date Collected: 09/11/10
Sample Type: Liquid Sample Volume: 17 ml Sample Qualifiers: **HTS**

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	208		91.9	50-150	09/13/10	09/21/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	09/13/10	09/21/10

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DOSS by LC/MS/MS

Lab ID: 1009028-11 **Station ID: T008-1312-100911-SW-04-1**

Batch: B0I1303 Date Collected: 09/11/10
Sample Type: Liquid Sample Volume: 30 ml Sample Qualifiers: **HTS**

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	110		85.6	50-150	09/13/10	09/21/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	09/13/10	09/21/10

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DOSS by LC/MS/MS

Lab ID: 1009028-12 **Station ID: T008-1313-100912-SW-05-1**

Batch: B0I1303 Date Collected: 09/12/10
Sample Type: Liquid Sample Volume: 29 ml Sample Qualifiers: **HTS**

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	131		98.9	50-150	09/13/10	09/21/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	09/13/10	09/21/10

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DOSS by LC/MS/MS

Lab ID: 1009028-13 **Station ID: T008-R615-100911-SW-05-1**

Batch: B0I1303 Date Collected: 09/11/10
Sample Type: Liquid Sample Volume: 20 ml Sample Qualifiers: **HTS**

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	192		99.5	50-150	09/13/10	09/21/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	09/13/10	09/21/10

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DOSS by LC/MS/MS

Lab ID: 1009028-14 **Station ID: T008-R617-100912-SW-02-1**

Batch: B0I1303 Date Collected: 09/12/10
Sample Type: Liquid Sample Volume: 20 ml Sample Qualifiers: **HTS**

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	188		97.6	50-150	09/13/10	09/21/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.5	1	09/13/10	09/21/10

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DOSS by LC/MS/MS

Lab ID: 1009028-15 **Station ID: T008-R618-100911-SW-05-1**

Batch: B0I1303 Date Collected: 09/11/10
Sample Type: Liquid Sample Volume: 19 ml Sample Qualifiers: **HTS**

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	203		100	50-150	09/13/10	09/21/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.5	1	09/13/10	09/21/10

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DOSS by LC/MS/MS

Lab ID: 1009028-16 **Station ID: T008-R620-100912-SW-01-1**

Batch: B0I1303 Date Collected: 09/12/10
Sample Type: Liquid Sample Volume: 22 ml Sample Qualifiers: **HTS**

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	173		98.5	50-150	09/13/10	09/21/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.5	1	09/13/10	09/21/10

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DOSS by LC/MS/MS

Lab ID: 1009028-17 **Station ID: T008-R621-100910-SW-04-1**

Batch: B0I1303 Date Collected: 09/10/10
Sample Type: Liquid Sample Volume: 25 ml Sample Qualifiers: **HTS**

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	153		99.1	50-150	09/13/10	09/21/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.6	1	09/13/10	09/21/10

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DOSS by LC/MS/MS

Lab ID: 1009028-18 **Station ID: T008-R622-100910-SW-05-1**

Batch: B0I1303 Date Collected: 09/10/10
Sample Type: Liquid Sample Volume: 21 ml Sample Qualifiers: **HTS**

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	181		98.6	50-150	09/13/10	09/21/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		19.5	1	09/13/10	09/21/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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Region 6 Laboratory
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Phone:(281)983-2100 Fax:(281)983-2248

DOSS by LC/MS/MS

Lab ID: 1009028-19 **Station ID: T008-R622-100910-SW-05-2**

Batch: B0I1303 Date Collected: 09/10/10
Sample Type: Liquid Sample Volume: 21 ml Sample Qualifiers: **HTS**

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	180		98.1	50-150	09/13/10	09/21/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	09/13/10	09/21/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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DOSS by LC/MS/MS

Lab ID: 1009028-20 **Station ID: T008-R688-100912-SW-05-1**

Batch: B0I1303 Date Collected: 09/12/10
Sample Type: Liquid Sample Volume: 21 ml Sample Qualifiers: **HTS**

Surrogates

Analyte	Result µg/l	Analyte Qualifiers	%Recovery	%Recovery Limits	Prepared	Analyzed
Surr: DOSS-D34	180		98.3	50-150	09/13/10	09/21/10

Targets

Analyte (CAS Number)	Result µg/l	Analyte Qualifiers	Reporting Limit	Dilution	Prepared	Analyzed
Dioctyl sulfosuccinate, sodium salt (577-11-7)	U		20.0	1	09/13/10	09/21/10

This LC/MS/MS method is a developmental method that was created specifically for the Gulf oil spill by the Region 6 lab in conjunction with other EPA laboratories. Therefore it has not been validated with the normal rigorous procedures and performance data that an EPA method would normally complete before being released. Improvements will continue to be made to this method as more is learned about the nuances of this technique with these analytes and various matrices. Proper sample collection or preservation procedures have not been established and holding times are unknown.

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DOSS by LC/MS/MS - Quality Control

Batch: B0I1303 **Sample Type: Liquid**

Blank (B0I1303-BLK1)

Prepared: 9/13/2010 Analyzed: 9/21/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: DOSS-D34	194		193	101	50-150

Blank (B0I1303-BLK1)

Prepared: 9/13/2010 Analyzed: 9/21/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit
Dioctyl sulfosuccinate, sodium salt	U		20.0

LCS (B0I1303-BS1)

Prepared: 9/13/2010 Analyzed: 9/21/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: DOSS-D34	187		193	97.1	50-150

LCS (B0I1303-BS1)

Prepared: 9/13/2010 Analyzed: 9/21/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	%REC	%REC Limits
Dioctyl sulfosuccinate, sodium salt	93.2		20.0	94.9	98.3	50-150

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DOSS by LC/MS/MS - Quality Control

Batch: B0I1303 **Sample Type: Liquid**

Matrix Spike (B0I1303-MS1)

Source: 1009028-04 Prepared: 9/13/2010 Analyzed: 9/20/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: DOSS-D34	183		193	95.2	50-150

Matrix Spike (B0I1303-MS1)

Source: 1009028-04 Prepared: 9/13/2010 Analyzed: 9/20/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Dioctyl sulfosuccinate, sodium salt	88.5		20.0	94.9		93.2	50-150

Matrix Spike (B0I1303-MS2)

Source: 1009028-14 Prepared: 9/13/2010 Analyzed: 9/21/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: DOSS-D34	206		214	96.2	50-150

Matrix Spike (B0I1303-MS2)

Source: 1009028-14 Prepared: 9/13/2010 Analyzed: 9/21/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits
Dioctyl sulfosuccinate, sodium salt	99.5		20.0	105		94.3	50-150

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DOSS by LC/MS/MS - Quality Control

Batch: B0I1303 **Sample Type: Liquid**

Matrix Spike Dup (B0I1303-MSD1)

Source: 1009028-04 Prepared: 9/13/2010 Analyzed: 9/21/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: DOSS-D34	189		193	98.3	50-150

Matrix Spike Dup (B0I1303-MSD1)

Source: 1009028-04 Prepared: 9/13/2010 Analyzed: 9/21/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dioctyl sulfosuccinate, sodium salt	92.7		20.0	94.9		97.7	50-150	4.72	30

Matrix Spike Dup (B0I1303-MSD2)

Source: 1009028-14 Prepared: 9/13/2010 Analyzed: 9/21/2010

Surrogates

ANALYTE	Result µg/l	Analyte Qualifier	Spike Level	%REC	%REC Limits
Surr: DOSS-D34	187		193	96.9	50-150

Matrix Spike Dup (B0I1303-MSD2)

Source: 1009028-14 Prepared: 9/13/2010 Analyzed: 9/21/2010

Targets

ANALYTE	Result µg/l	Analyte Qualifiers	Reporting Limit	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Dioctyl sulfosuccinate, sodium salt	88.0		20.0	94.9		92.8	50-150	1.68	30

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10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

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Kristie Warr
713-985-6600
US EPA/Weston
Venice, LA

CHAIN OF CUSTODY RECORD

R06 Deep H2O Horizon Reporting
Lab: EPA Houston Lab
Lab_State: TX

No: T0001-100405-20100910-005

Lab Address: 10625 Fallstone Rd
Lab_City: Houston
Lab_Zip: 77099

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD	Description
	T001-1340-100910-SW-07-1	DOSS	Surface Water	Grab	9/10/2010	11:30	2	20 ml VOA	4 C	N	
	T001-1345-100911-SW-07-1	DOSS	Surface Water	Grab	9/11/2010	10:45	2	20 ml VOA	4 C	N	
	T001-R655-100912-SW-04-1	DOSS	Surface Water	Grab	9/12/2010	10:50	2	20 ml VOA	4 C	N	
	T001-R663-100912-SW-05-1	DOSS	Surface Water	Grab	9/12/2010	09:30	6	20 ml VOA	4 C	Y	
	T001-R667-100911-SW-07-1	DOSS	Surface Water	Grab	9/11/2010	12:00	2	20 ml VOA	4 C	N	
	T001-R671-100911-SW-06-1	DOSS	Surface Water	Grab	9/11/2010	09:11	6	20 ml VOA	4 C	Y	
	T001-R679-100910-SW-10-1	DOSS	Surface Water	Grab	9/10/2010	10:20	2	20 ml VOA	4 C	N	
	T001-R679-100910-SW-18-1	DOSS	Surface Water	Grab	9/10/2010	10:00	6	20 ml VOA	4 C	Y	

Special Instructions:

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
		9/10/10		9/10/10	15:00			9/13/10		9/13/10	9:13
		9/10/10		9/10/2222				9/13/10	Isaak	9/13/10	9:30
		9/10/10		9/10/10	0431			9/13/10	Harris		

Sample Temp: 1°C

Environmental Protection Agency

Region 6 Laboratory

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CHAIN OF CUSTODY RECORD

No: T0033-100403-20100910-005

R06_Deepwater_Grand_Isle

AirbillNo:

Contact: Kristie Warr
Phone: 713.985.6636

Lab: U.S. EPA Region 6 Laboratory
Lab Phone: 281-983-2137

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	T008-1309-100910-SW-02-1	DOSS	Surface Water	Grab	9/10/2010	12:34	2	20 ml VOA	4 C	N
	T008-R621-100910-SW-04-1	DOSS	Surface Water	Grab	9/10/2010	11:13	6	20 ml VOA	4 C	Y
	T008-R622-100910-SW-05-1	DOSS	Surface Water	Grab	9/10/2010	09:42	2	20 ml VOA	4 C	N
	T008-R622-100910-SW-05-2	DOSS	Surface Water	Grab	9/10/2010	09:42	2	20 ml VOA	4 C	N

Special Instructions:

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
		9-10-10		9/10/10	17:30			9/13/10		9/13/10	9:13
		9/10/10		9/10/10	22:46			9/13/10	Isaac Harris	9/13/10	9:30
		9/11/10		9/11/10	05:07						

Sample Temp: 6°C

Environmental Protection Agency

Region 6 Laboratory

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CHAIN OF CUSTODY RECORD

R06_Deepwater_Grand_Isle

No: T0033-100403-20100910-005

AirbillNo:

Lab: U.S. EPA Region 6 Laboratory
Lab Phone: 281-983-2137

Contact: Kristie Warr
Phone: 713.985.6636

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	T008-1309-100910-SW-02-1	DOSS	Surface Water	Grab	9/10/2010	12:34	2	20 ml VOA	4 C	N
	T008-1311-100911-SW-06-1	DOSS	Surface Water	Grab	9/11/2010	09:56	2	20 ml VOA	4 C	N
	T008-1312-100911-SW-04-1	DOSS	Surface Water	Grab	9/11/2010	12:06	2	20 ml VOA	4 C	N
	T008-1313-100912-SW-05-1	DOSS	Surface Water	Grab	9/12/2010	12:56	2	20 ml VOA	4 C	N
	T008-R615-100911-SW-05-1	DOSS	Surface Water	Grab	9/11/2010	10:47	2	20 ml VOA	4 C	N
	T008-R617-100912-SW-02-1	DOSS	Surface Water	Grab	9/12/2010	11:45	6	20 ml VOA	4 C	N
	T008-R618-100911-SW-05-1	DOSS	Surface Water	Grab	9/11/2010	09:07	6	20 ml VOA	4 C	Y
	T008-R620-100912-SW-01-1	DOSS	Surface Water	Grab	9/12/2010	10:47	2	20 ml VOA	4 C	Y
	T008-R621-100910-SW-04-1	DOSS	Surface Water	Grab	9/10/2010	11:13	6	20 ml VOA	4 C	N
	T008-R622-100910-SW-05-1	DOSS	Surface Water	Grab	9/10/2010	09:42	2	20 ml VOA	4 C	Y
	T008-R622-100910-SW-05-2	DOSS	Surface Water	Grab	9/10/2010	09:42	2	20 ml VOA	4 C	N
	T008-R688-100912-SW-05-1	DOSS	Surface Water	Grab	9/12/2010	09:27	2	20 ml VOA	4 C	N

Special Instructions:

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason | Relinquished by | Date | Received by | Date | Time | Items/Reason | Relinquished By | Date | Received by | Date | Time

Sample Temp: 7°

Environmental Protection Agency

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CHAIN OF CUSTODY RECORD

R06_Deepwater_Grand_Isle

No: T0033-100403-20100911-005

AirbillNo:

Lab: U.S. EPA Region 6 Laboratory
Lab Phone: 281-983-2137

Contact: Kristie Warr
Phone: 713.985.6636

Lab #	Sample #	Analyses	Matrix	Collection Method	Collected	Sample Time	Numb Cont	Container	Preservative	MS/MSD
	T008-1311-100911-SW-06-1	DOSS	Surface Water	Grab	9/11/2010	09:56	2	20 ml VOA	4 C	N
	T008-1312-100911-SW-04-1	DOSS	Surface Water	Grab	9/11/2010	12:06	2	20 ml VOA	4 C	N
	T008-R615-100911-SW-05-1	DOSS	Surface Water	Grab	9/11/2010	10:47	2	20 ml VOA	4 C	N
	T008-R618-100911-SW-05-1	DOSS	Surface Water	Grab	9/11/2010	09:07	6	20 ml VOA	4 C	Y

SAMPLES TRANSFERRED FROM CHAIN OF CUSTODY #

Special Instructions:

Items/Reason	Relinquished by	Date	Received by	Date	Time	Items/Reason	Relinquished By	Date	Received by	Date	Time
		9/12/10		9/12/10	1830			9/13/10		9/13/10	9/13
		9/12/10		9/12/10	2222			9/13/10	Tsaiah Harris	9/13/10	9:30
		9/13/10		9/13/10	0431						

Sample Temp: 2°C

Environmental Protection Agency

Region 6 Laboratory

10625 Fallstone Road, Houston, TX 77099
Phone:(281)983-2100 Fax:(281)983-2248

Notes and Definitions

A	This sample was extracted at a single acid pH.
HTS	Sample was prepared and/or analyzed past recommended holding time. Concentrations should be considered minimum values.
AES	Atomic Emission Spectrometer
CVAA	Cold Vapor Atomic Absorption
ECD	Electron Capture Detector
GC	Gas Chromatograph
GFAA	Graphite Furnace Atomic Absorption
ICP	Inductively Coupled Plasma
MS	Mass Spectrometer
NA	Not Applicable
NPD	Nitrogen Phosphorous Detector
NR	Not Reported
TCLP	Toxicity Characteristic Leaching Procedure
U	Undetected
#	Out of QC limits

Initial pressure in air analyses is the pressure at which the canister was received in psia (pounds *per* square inch absolute pressure).

The pH reported for Volatile liquid samples was tested using a 0-14 pH indicator strip for the purpose of verifying chemical preservation.

The statistical software used for the reporting of toxicity data is ToxCalc 5.0.32, Environmental Toxicity Data Analysis System 1994-2007 Tidepool Scientific Software.